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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOL. VI No. 2 McKEE PRINT. February, 1958

Production of crude oil and condensate from the oil and gas areas of Montana for the month of February, 1958, averaged 74,378 barrels daily a decrease of 792 barrels from the average January production of 75,170.

The nine refineries in the State processed 64,034 barrels of crude oil daily for the month of February, 1958, a decrease of 1,249 barrels daily from the 65,283 barrels processed daily during the month of January, 1958.

During February, 22 wells were completed, 9 oil, 3 gas wells and 10 dry holes.

During February, the Commission issued 24 permits to drill new wells a decrease of 2 from the 26 permits issued during January.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF FEBRUARY, 1958

IN STORAGE FEBRUARY 1st:	
By Producers	328,707
By Transporters	724,709
By Refiners	791,254
TOTAL STORAGE	1,844,670
Produced in Montana During Month	2,082,585
Imported During Month	1,120,034
TOTALS	3,202,619
DISPOSITION:	
Refined in Montana	1,792,960
Exported	1,408,868
Used for Fuel or Lost	11,049
TOTAL	3,212,877
IN STORAGE FEBRUARY 28th:	
By Producers	343,864
By Transporters	711,224
By Refiners	779,324
TOTAL STORAGE	1,834,412

NATURAL GAS WITHDRAWALS IN MONTANA

Month of February, 1958

Field	M Cu. Ft.
Bears Den	0
Big Coulee	75,201
Bowdoin	371,805
Bowes	129,076
Box Elder	0
Cabin Creek	54,037
Cedar Creek	745,741
Cut Bank (Including Reagan)	1,449,829
Devon	0
Dry Creek	179,979
Elk Basin	33,044
Flat Coulee	41,610
Golden Dome	5,679
Hardin	4,245
Keith Block	275,327
Kevin Sunburst	124,788
Pine	73,478
Plevna	15,526
Utopia	102,347
Whitlash	122,436
Miscellaneous	42,484
TOTAL	3,846,632

Total Withdrawal for February, 1957 were 3,268,933 M Cu. Ft.

PRODUCER'S REPORT

MONTH OF FEBRUARY, 1958

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	1,151	2,864	.....	3,586	.....	429
1	Bannatyne	2	.....	460	.....	460	.....	.....
10	Big Wall	26	4,084	19,585	.....	19,021	4	4,644
5	Blackfoot	8	2,019	5,469	.....	4,662	.....	2,826
4	Border	8	.....	142	.....	142	.....	.....
20	Bowes	66	8,650	22,623	18,989	.....	.....	12,284
1	Bredette	1	1,605	1,163	1,556	.....	.....	1,212
4	North Bredette	4	1,441	10,676	7,599	2,376	.....	2,142
1	Brorson	2	2,032	1,766	2,461	.....	.....	1,337
	Bynum	....	114	.....	.....	.....	.....	114
4	Cabin Creek	68	16,070	311,320	307,483	.....	4,615	15,292
28	Cat Creek	94	4,868	15,842	12,485	3,149	.....	5,076
1	Clark's Fork	1	86	301	.....	.....	.....	387
2	Clark's Fork North	4	2,143	11,068	.....	10,317	.....	2,894
2	Cupton	2	1,638	1,646	1,803	.....	.....	1,481
334	Cut Bank	1,152	112,577	181,950	178,481	.....	89	115,957
3	Deer Creek	5	1,393	6,599	7,023	.....	.....	969
3	Delphia	3	1,293	6,789	.....	7,297	.....	785
2	Devil's Basin	4	552	14	.....	.....	.....	566
5	Dry Creek	5	859	6,932	7,051	.....	.....	790
20	Elk Basin	57	7,375	213,780	214,667	.....	.....	6,488
3	Fertile Prairie	3	1,180	888	843	.....	.....	1,225
2	Frannie	2	1,271	3,547	4,174	.....	.....	644
1	Gage	1	331	148	.....	.....	.....	479
3	Gas City	12	4,382	23,006	22,146	.....	.....	5,242
6	Glendive	12	3,888	49,681	48,622	.....	.....	4,947
5	Ivanhoe	13	3,399	26,394	.....	24,349	.....	5,444
239	Kevin-Sunburst	1,370	15,924	63,441	62,742	.....	84	16,539
1	Lake Basin	1	496	56	.....	.....	.....	552
1	Line Coulee	1	691	2,153	2,188	.....	.....	656
1	Little Beaver	7	2,557	15,170	15,644	.....	.....	2,083
3	East Little Beaver	3	2,211	7,260	6,932	.....	.....	2,539
5	Melstone	7	2,076	6,573	.....	6,408	.....	2,241
2	Mosser	8	.....	620	.....	620	.....	.....
10	Outlook Area	10	12,689	3,667	.....	2,326	.....	14,030
11	Pennel	23	7,286	50,945	51,927	.....	104	6,200
5	Pine	122	19,865	405,365	404,996	.....	719	19,515
75	Pondera	330	8,313	43,660	43,616	.....	4	8,353
11	East Poplar	98	23,522	342,806	335,553	8,305	98	22,372
3	Northwest Poplar	4	1,456	1,411	910	.....	.....	1,957
3	Ragged Point	7	3,304	10,191	.....	11,153	.....	2,342
	Rattlesnake Butte	....	86	.....	.....	.....	.....	86
4	Reagan	44	2,996	16,302	16,639	.....	.....	2,659
1	Repeat	1	325	4,336	4,315	.....	.....	346
4	Richey	8	3,150	11,004	11,116	.....	.....	3,038
2	Snyder	4	2,090	2,662	.....	1,997	.....	2,755
4	Soap Creek	17	7,979	5,300	.....	2,885	.....	10,394
1	Southwest Richey	1	758	949	.....	.....	149	1,558
20	Sumatra	62	12,332	110,546	104,785	2,096	620	15,377
4	Sweetgrass Hills	4	743	517	.....	569	.....	691
9	Whitlash	27	5,197	7,329	4,368	1,379	.....	6,779
10	Wolf Springs	20	6,561	42,921	43,962	.....	.....	5,520
2	Woodrow	2	530	2,545	2,340	.....	.....	735
1	Yellowstone	1	1,169	153	.....	.....	429	893
903		3,741	328,707	2,082,585	1,947,416	113,097	6,915	343,864

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year 1957	27,121,962	74,306	27,037,808	74,076
January, 1958	2,330,298	75,170	2,313,596	74,632
February, 1958	2,082,585	74,378	2,060,513	73,589

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1957	319,586	745,067	776,264	1,840,917
January, 1958	328,707	724,709	791,254	1,844,670
February, 1958	343,864	711,224	779,324	1,834,412

*Includes Wyoming Oil.

TRANSPORTERS REPORT

MONTH OF FEBRUARY, 1958

	Storage First Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			3,586				3,586		
BANNATYNE—Truck			460			460			
BIG WALL—Truck			19,021			11,367	7,654		
BLACKFOOT—Union Oil Co.			4,662			4,662			
BORDER—Truck			142			142			
BOWES—									
Trigood Oil Co.	8,697								8,697
The Texas Co.		18,989				18,989			
	8,697	18,989				18,989			8,697
BRORSON—Sun Oil Co.		2,461					2,461		
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	329,471	758,469		483,241	42		1,247,844		323,295
Shell Pipe Line Corp.	3,519	106,485			84			103,113	6,807
	332,990	864,954		483,241	126		1,247,844	103,113	330,102
CAT CREEK—									
Continental Pipe Line Co.	6,049	12,050			(68)	12,781			5,386
Wm. Hanlon			3,149			3,149			
	6,049	12,050	3,149		(68)	15,930			5,386
CLARK'S FORK—Truck			10,317				10,317		
CUT BANK—									
Big West Oil Co.		1,920		1,493		3,413			
Darling Gathering System Inc.	3,278	10,558				11,215			2,621
Phillips Petroleum Co.	35,688	31,976			34			18,926	48,704
Texas Pipe Line Co.	63,742	40,481		21,990	563	56,307		32,515	36,828
Toronto Pipe Line Co.	29,935	54,370			15			39,637	44,653
Union Oil Co.	143,675	42,532		46,905	(10)	82,836			150,266
	276,318	181,837		70,388	602	153,771		91,078	283,092
DELPHIA—Truck			7,297			7,297			
DRY CREEK—Ohio Oil Co.	10,238	7,425				10,088			7,575
ELK BASIN—Ohio Oil Co.		214,667				155,140	59,527		
FRANNIE—Ohio Oil Co.		4,174					4,174		
GLENDIVE, DEER CREEK & WOODROW—									
The Texas Pipe Line Co.	6,213	57,733			(392)		29,142	28,995	6,201
IVANHOE—Truck			24,349				24,349		
KEVIN-SUNBURST—									
Big West Oil Co.	2,221	29,526				29,527			2,220
Homestake Oil & Gas Co.		2,992			24	2,968			
The Texas Pipe Line Co.	4,082	30,144		1,213	775	30,582			4,082
Anna Aronow	130	1,213						1,213	130
	6,433	63,875		1,213	799	63,077		1,213	6,432
MELSTONE—Truck			6,408			6,408			
MOSSER—Truck			620				620		
PONDERA—Phillips Petr. Co.	51,964	43,514		16,070	1,153	71,348			38,547
POPLAR, BREDETTE, OUTLOOK & LINE COULEE—									
East Poplar Gathering System	15,846	346,847			197			346,513†	15,983
Truck			13,007				13,007		
	15,846	346,847	13,007		197		13,007	346,513	15,983
RAGGED POINT—Truck			11,153			11,153			
REAGAN—Union Oil Co.		16,639				16,639			
SNYDER—Truck			1,997			791	1,206		
SOAP CREEK—Truck			2,885				2,885		
SUMATRA—									
Powder River Pipe Line	4,239	104,293			521	104,344			3,667
Trucks			2,096				2,096		
	4,239	104,293	2,096		521	104,344	2,096		3,667
SWEETGRASS HILLS—Truck			569			569			
WHITLASH—									
Homestake Oil & Gas Co.	1,594			3,927		3,887			1,634
Western Natural Gas Co.	332	4,369						3,927	774
Truck			1,379			1,379			
	1,926	4,369	1,379	3,927		5,266		3,927	2,408
WOLF SPRINGS—									
Powder River Pipe Line Co.	3,796	43,963				44,625			3,134
TOTALS	724,709	1,987,790	113,097	574,839	2,938	702,566	1,408,868	574,839	711,224

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey and Southwest Richey Fields.

†Tranferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF FEBRUARY, 1958

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	The Texas Co.	Union Oil Co.	Total by Fields
Bannatyne							460			460
Big Wall					11,063					11,063
Blackfoot									4,630	4,630
Border								143		[illegible]
Bowes				18,532						18,532
Cat Creek			12,270			3,751				16,021
Clark's Fork					1,346					1,346
Cut Bank	24,102						21,551	135,625	82,812	264,090
Delphia						9,333				9,333
Dry Creek					8,252					8,252
Elk Basin		106,587	48,253							154,840
Kevin-Sunburst	27,617							70,068		97,685
Melstone					6,510					6,510
Pondera	151						50,124			50,275
Ragged Point					10,009					10,009
Reagan									16,639	16,639
Sumatra					98,332					98,332
Sweetgrass Hills	595									595
Whitlash								3,887	1,379	5,266
Wolf Springs		45,213								45,21[illegible]
Total Montana Oil	52,465	151,800	60,523	18,532	135,512	13,084	72,135	209,723	105,460	819,234
Canadian Oil, Imported									2,652	2,652
Wyoming Oil, Imported		412,545	247,144		309,993	1,392				971,074
TOTAL Montana, Canadian and Wyoming Oil	52,465	564,345	307,667	18,532	445,505	14,476	72,135	209,723	108,112	1,792,960

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year, 1957	25,264	575	37,438	63,277
February, 1957	31,612	579	35,047	67.233
February, 1958	29,258	95	34,681	64,034

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
40.13%	.40%	59.47%
47.02%	.86%	52.12%
45.69%	.15%	54.16%